PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
P-2003-018WO	***************************************	well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP2004/009283	19/08/2004	21/08/2003
Applicant		
BERNAFON AG		
This International Search Report has be according to Article 18. A copy is being	een prepared by this International Searching A transmitted to the International Bureau.	Authority and is transmitted to the applicant
This International Search Report consis	its of a total of sheets.	
X It is also accompanied	by a copy of each prior art document cited in	this report.
Basis of the report		
 With regard to the language, the language in which it was filled, to 	ne international search was carried out on the unless otherwise indicated under this item.	basis of the international application in the
The internation this Authority (F	al search was carried out on the basis of a tra Rule 23.1(b)).	inslation of the international application furnished to
b. With regard to any nuc	leotide and/or amino acid sequence disclos	sed in the international application, see Box No. 1.
2. Certain claims were fo	ound unsearchable (See Box II).	
3. Unity of invention is la	acking (see Box III).	
4. With regard to the title,		
X the text is approved as	submitted by the applicant.	
the text has been estab	lished by this Authority to read as follows:	
5. With regard to the abstract,		
	submitted by the applicant.	
the text has been estab	lished, according to Rule 38,2(b), by this Autt	nority as it appears in Box No. IV. The applicant
may, within one month	from the date of mailing of this international s	earch report, submit comments to this Authority.
6. With regards to the drawings,		
a. the figure of the drawings to be	published with the abstract is Figure No	1
X as suggested b		
	this Authority, because the applicant failed to	
	this Authority, because this figure better chara be published with the abstract.	acterizes the invention.
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International Application No PCT/EP2004/009283

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A. CLASS IPC 7	FICATION OF SUBJECT MATTER H04R25/00 G10L21/02 H04R3/00		
According t	o International Patent Classification (IPC) or to both national classifica	tion and IPC	
	SEARCHED		
IPC 7	ocumentation searched (classification system followed by classification H04R G10L	n symbols)	
Documenta	tion searched other than minimum documentation to the extent that su	ich documents are included in th	e fields searched
	ata base consulted during the international search (name of data bas ternal, WPI Data, PAJ, INSPEC, COMPE		erms used)
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.
A	WITTKOP, T AND HOHMANN, V.: "Strategy-selective noise reducti binaural digital hearing aids"	1,3	
	SPEECH COMMUNICATION, vol. 39, January 2003 (2003-01), 111-138, XP002266432 page 111 - page 125; figure 8		
	page 136 - page 137		
Α	WITTKOP T ET AL: "SPEECH PROCESS HEARING AIDS: NOISE REDUCTION MOT MODELS OF BINAURAL INTERACTION" ACTA ACUSTICA, EDITIONS DE PHYSIQ ULIS CEDEX, FR, vol. 83, no. 4, 1997, pages 684-6 XP000884158 abstract; figure 6	1,3	
	-	/	
X Furt	her documents are listed in the continuation of box C.	Patent family members a	are listed in annex.
"A" docume consid "E" earlier of filing of "L" docume	ent defining the general state of the art which is not lered to be of particular relevance document but published on or after the international late.	cited to understand the princ invention X* document of particular releva cannot be considered novel	nflict with the application but siple or theory underlying the nce; the claimed invention
°O" docum other	ent referring to an oral disclosure, use, exhibition or neans ent published prior to the international filing date but	document is combined with	olve an inventive step when the one or more other such docu- ing obvious to a person skilled
	actual completion of the international search	Date of mailing of the interna	
2	0 October 2004	27/10/2004	
Name and r	nailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk	Authorized officer	
	Tel. (+31–70) 340–2040. Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Gerken, S	

International Application No
PCT/EP2004/009283

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
A	US 6 430 528 B1 (RICKARD SCOTT T ET AL) 6 August 2002 (2002-08-06) cited in the application abstract column 6, line 49 - column 7, line 7; figure 3		1		
A	EP 1 326 478 A (PHONAK AG) 9 July 2003 (2003-07-09) abstract column 22, line 11 - column 24, line 57		2		
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Information on patent family members

International Application No PCT/EP2004/009283

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6430528	B1	06-08-2002	NONE		
EP 1326478	Α	09-07-2003	EP	1326478 A2	09-07-2003

Form PCT/ISA/210 (patent family annex) (January 2004)

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A. CLASSI IPC 7	IFICATION OF SUBJECT MATTER H04R25/00 G10L21/02 H04R3/	′00			
According to	o International Patent Classification (IPC) or to both national class	sification and IPC			
B. FIELDS	SEARCHED				
Minimum do IPC 7	ocumentation searched (classification system followed by classifi H04R G10L	cation symbols)			
Documenta	ation searched other than minimum documentation to the extent th	at such documents are included in the fields s	earched		
Electronic d	data base consulted during the international search (name of data	a base and, where practical, search terms used	d)		
EPO-In	ternal, WPI Data, PAJ, INSPEC, COM	IPENDEX .			
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A	WITTKOP, T AND HOHMANN, V.: "Strategy-selective noise reduce binaural digital hearing aids"	1,3			
	SPEECH COMMUNICATION, vol. 39, January 2003 (2003-01)	\/			
	111-138, XP002266432	, pages			
	page 111 - page 125; figure 8				
	page 136 - page 137				
Α	WITTKOP T ET AL: "SPEECH PROCE HEARING AIDS: NOISE REDUCTION N MODELS OF BINAURAL INTERACTION' ACTA ACUSTICA, EDITIONS DE PHYS ULIS CEDEX, FR, vol. 83, no. 4, 1997, pages 684 XP000884158	1,3			
	abstract; figure 6				
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X Furt	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.		
° Special ca	ategories of cited documents :	"T" later document published after the Into	ernational filing date		
"A" docume	ent defining the general state of the art which is not dered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or th	the application but		
	document but published on or after the international	invention *X* document of particular relevance; the			
"L" docume	ent which may throw doubts on priority claim(s) or	cannot be considered novel or canno involve an inventive step when the do			
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other	ent referring to an oral disclosure, use, exhibition or means	document is combined with one or ments, such combination being obvious	ore other such docu- ous to a person skilled		
"P" docume later ti	*P* document published prior to the international filing date but in the art. later than the priority date claimed '&' document member of the same patent family				
Date of the	actual completion of the international search	Date of mailing of the International sea	arch report		
2	0 October 2004	27/10/2004			
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Gerken, S			

International Application No
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.	
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